



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pradip Mukerji, *et al.*

Serial No.: 10/054,534

Filed: January 22, 2002

For: DESATURASE GENES AND
USES THEREOF

Examiner: (not yet assigned)

Group Art Unit: 1632

Case No.: 6763.US.P1

CERTIFICATE OF MAILING (37 CFR
1.8 (a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

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Kimberly A. Iorio 12-31-02
Kimberly A. Iorio Date

#13

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Box Non-Fee
Washington, D.C. 20231

Dear Sir:

Enclosed herewith for the patent application identified above, entitled DESATURASE GENES AND USES THEREOF is journal article, Okuley, et al., The Plant Cell, Vol. 6, pages 147-158 (1979). Also enclosed are the following:

1. Copy of Information Disclosure Statement dated November 22, 2002 (1 Page);
2. Copy of Form PTO 1449 dated November 22, 2002 (2 Pages);
3. Return Receipt postcard.

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR 1.16, as well as any patent application processing fees under 37 CFR 1.17 associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.



23492

ABBOTT LABORATORIES
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Respectfully submitted,
Pradip Mukerji, et al.

Cheryl L. Becker
Cheryl L. Becker
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Attorney for Applicants

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PATENT

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Applicants: Pradip Mukerji, et al.

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Attorney Docket No.: 6763.US.P1

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Certificate of Mailing under 37 CFR §1.8(a):

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449. This Information Disclosure Statement is being filed, to the knowledge of the undersigned, before the mailing date of a first Office Action on the merits. Applicants respectfully petition and request that the Examiner consider the listed documents and evidence such consideration by making appropriate notations on the attached form. Copies of the listed documents are attached. At this time, applicants do not have journal article, Okuley, et al., The Plant Cell, Vol. 6, pages 147-158 (1979) as listed on Form PTO-1449, but will promptly forward the article to the Examiner as soon as it becomes available.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

The Commissioner is authorized to charge our Deposit Account any additional fees (or credit any over payments) that may be required under 37 C.F.R. §§ 1.16 and 1.17 in association with this communication for which full payment has not been tendered.



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SHEET 2 of 2

DATE: November 21, 2002

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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ATTY. DOCKET NO.

6763.US.P1

SERIAL NO.

10/054,534

APPLICANT

P. Mukerji, et al.

FILING DATE

January 22, 2002

GROUP

1632

(37 CFR 1.98 (b))

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

C1	The Faseb Journa, Abstracts, Part I, Abstract 3093, p. A532, Experimental Biology 98, San Francisco, CA (4/18-22/1998)
C2	Altschul, et al., Nucleic Acids Research 25: 3389-3402 (1997)
C3	Okamuro & Goldberg, Biochemistry of Plants 15:1-82 (1989)
C4	Turner & Foster, Molecular Biotechnology 3:225 (1995)
C5	Ingelbrecht, et al., Plant Cell 1:671-680 (1989)
C6	Klein, et al, Nature (London) 327:70-73 (1987)
C7	Ishida Y., et a., Nature Biotech 14:745-750 (1996)
C8	Mulles, et al, Cold Spring Harbor Symp. Quant. Biol. 51:263-273 (1986)
C9	Jones, et al. EMBO J. 4:2411-2418 (1985)
C10	DeAlmeida, et al. Mol. Gen. Genetics 218:78-86 (1989)
C11	Schnieke, et al. Science 278:2130-2133 (1997)
C12	McCabe et al., BiolTechnology 6: 923 (1988)
C13	Christou, et al, Plant Physicol, 87:671-674 (1988)
C14	McKently et al., Plant Cell Rep 14:699-703 (1995)
C15	Grant, et al. Plant Cell Rep 15:254-258 (1995)
C16	Bytebler, et al., Proc Natl Acad Sci (USA) 84:5354 (1987)
C17	Wan & Lemaux, Plant Physiol 10:37 (1994)
C18	Rhodes, et al., Science 240:204 (1988)
C19	Gordon-Kamm, et al., Plant cell 2:603-618 (1990)
C20	Fromm, et al., BiolTechnology 8:833 (1990)
C21	Koziel, et al., BioTechnology 11:194 (1993)
C22	Armstrong, et al. Crop Science 35:550-557 (1995)
C23	Somers, et al., BiolTechnology 10:15 89 (1992)
C24	Horn, et al., Plant Cell Rep 7:469 (1988)
C25	Part, et al., Plant Mol. Biol. 32:1135-1148 (1996)
C26	Abnedina, et al., Aust. J. Plant Physiol. 24:133-141 (1997)
C27	Zhang & Wu, Theor. Appl. Genet 76:835 (1988)
C28	Baltraw & Hall, Plant Sci. 86:191-202 (1992)
C29	Christou, et al., Biol Technology 9:957 (1991)
C30	De La Pena, et al., Nature 325:274 (1987)
C31	Bower & Birch, Plant J. 2:409 (1992)
C32	Wang, et al. Biol Technology 10:691 (1992)
C33	Vasil, et al. Biol Technology 10:667 (1992)
C34	Marcotte, et al., Nature 335:454-457 (1988)
C35	Marcotte, et al., Plant Cell 1:523-532 (1989)
C36	McCarty, et al., Cell 66:895-905 (1991)
C37	Hattori, et al., Genes Dev. 6:609-618 (1992)
C38	Goff, et al., EMBO J. 9:2517-2522 (1990)
C39	Horrobin, et al., Am. J. Clin. Nutr., 57:7325-7345
C40	Brenner, et al., Adv. Exp. Med. Biol., 83:85-101 (1976)
C41	Hoge, et al., Exp. Mycology 6:225-232 (1982)
C42	Okuley, et al., The Plant Cell, 6:147-158 (1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

DATE: November 21, 2002

SHEET 1 of 2

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(37 CFR 1.98 (b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A1	5,447,974					
	A2	5,552,306					
	A3	5,912,120					
	A4	5,107,065					
	A5	5,231,020					
	A6	4,945,050					
	A7	4,683,202					
	A8	4,582,788					
	A9	4,683,194					
	A10	5,750,176					
	A11	5,700,671					
	A12	5,463,174					
	A13	4,943,674					
	A14	5,106,739					
	A15	5,175,095					
	A16	5,420,034					
	A17	5,188,958					
	A18	5,589,379					
	A19	5,004,863					
	A20	5,159,135					
	A21	5,518,908					
	A22	5,569,834					
	A23	5,416,011					
	A24	5,463,174					
	A25	5,631,152					
	A26	4,826,877					
	A27	4,666,701					
	A28	4,758,592					
	A29	5,116,871					

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES	NO
	B1	WO 93/11245	06/10/93	PCT				
	B2	WO 94/11516	05/26/94	PCT				
	B3	WO 96/13591	05/09/96	PCT				
	B4	50424		EPO				
	B5	84796		EPO				
	B6	258017		EPO				
	B7	237362		EPO				
	B8	201184		EPO				
	B9	WO 95/24494		PCT				

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